

ABSTRACT:

The invention relates to a method for loss-free transmission of data packets from a transmitter (10) to a receiver (7). In this arrangement, the transmitting unit (5) of the transmitter continuously transmits data packets to the receiver (7) via the transmission channel (8) and at the same time stores a copy thereof in a buffer (3). The receiver (7) supplies the transmitter (10) with an acknowledge signal (9) concerning the success or failure of the transmission of the data packets. If a data packet has not been successfully transmitted, it is extracted from the buffer (3) by a control unit (4) of the transmitter (10), and inserted once again into the stream of data packets to be transmitted. By contrast, successfully transmitted data packets are erased from the buffer (3). The buffer (3) permits recourse to and the renewed transmission of data packets even when the corresponding acknowledge signal is not awaited after each transmission operation.

Fig. 1